### **Nicolas DUPONT**

# Data Analyst

Eager for diverse knowledge and seeking new experiences, I wish to apply my skills in data management, data processing, data analysis, and artificial intelligence to innovative projects, in France or abroad.

✓ nicolas31dupont@gmail.com

+33 6 70 85 98 86

github/NAPondu

in linkedin/nicolas-dupont

Toulouse, FRANCE

### **m** Education

**Master's**, Computer Science (AI, Data and Knowledge)

Université Toulouse III - Paul Sabatier (2022-2024)

**Bachelor's**, Computer Science **Université Toulouse III - Paul Sabatier** (2017-2022)

## About Me

Driving License



French (native) English (C2)

Spanish (A1) Italian (A1)

Personal Vehicle

Japanese (A1)

German (B1)

### **Interests**



### Notable experiences

- Solo trip to Japan for one month (October 2024)
- Solo trip to New Zealand for one month (November 2024)

## Professional Experience

**Data Analyst**, *Orange Innovation* — 05/2023 - 09/2024

Within the team responsible for Orange Group's DevOps toolchain, I worked on leveraging data from the chain's tools and services, notably in a Logs4Ops approach.

### Main achievements:

- · Created about ten dashboards for service usage analysis
- · Cross-referenced user data with Python scripts to identify bad practices
- · Set up a pipeline to collect Kubernetes environment variables as logs
- · Implemented a support chatbot using Retrieval-Augmented Generation techniques

Logs4Ops Data Analysis Data Visualization Python Elastic Stack GitLab CI/CD

Predictive models Retrieval-Augmented Generation Al Chatbot

## Personal Projects

## datapipe-auto-deploy - 02/2025 - Present

This project aims to create a fully automated data pipeline (extract, transform, load) on AWS and Snowflake, using Terraform for infrastructure management; for learning and demonstration purposes.

#### Main achievements:

- · Data collection from public APIs and data processing with Python in AWS Lambda
- Pipeline orchestration with AWS Step Functions
- · Data ingestion into Snowflake using Snowpipe
- Automated deployment of AWS and Snowflake infrastructure with Terraform, locally or via GitHub Actions

Data Engineering Data Modeling ETL CI/CD AWS Snowflake Terraform

Python

## 

### **Programming languages**

Python SQL Java C Shell

### Tools and technologies

Git Elastic Stack Grafana GitLab CI/CD, GitHub Actions Snowflake Terraform

AWS Power BI MongoDB Office Pack

### Knowledge

Machine Learning Deep Learning Data Analysis Data Visualization

Natural Language Processing Database management Project management

Agile methods Scrum Technical documentation writing

#### Soft skills

Analytical thinking Autonomy Curiosity Adaptability Initiative Rigor

Stakeholder communication Technology watch